

L17 ANSWER 9 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN
TI Synthesis of some N-substituted amides of aromatic and aliphatic-aromatic acids using silico anhydrides of organic acids

L17 ANSWER 10 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN
TI γ -Pyrones and their preparation

L17 ANSWER 11 OF 11 CAPLUS COPYRIGHT 2005 ACS on STN
TI γ -Pyrones and γ -pyridones. II. Preparation and properties of several substituted γ -pyridones

=> l1 and l16

L18 0 L1 AND L16

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	31.68	31.89
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.46	-1.46

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 06:25:18 ON 14 MAR 2005

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LOGINID:SSSPTA1623PAZ

PASSWORD:

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SESSION RESUMED IN FILE 'CAPLUS' AT 07:23:22 ON 14 MAR 2005
FILE 'CAPLUS' ENTERED AT 07:23:22 ON 14 MAR 2005
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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	32.13	32.34
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.46	-1.46

=> d his

(FILE 'HOME' ENTERED AT 06:15:51 ON 14 MAR 2005)

FILE 'CAPLUS' ENTERED AT 06:16:03 ON 14 MAR 2005

L1 36214 ADIPIC
L2 680313 DRY?
L3 2504 L1 AND L2
L4 14861 FINES
L5 1 L3 AND L4
L6 11514 POLYCARBOXYLIC
L7 629 L6(L)L2
L8 4 L4 AND L7

L9 225359 CARBOXYLIC
L10 7198 L9(L)L2
L11 7 L4 AND L10
L12 5 L11 NOT L8
L13 1717 L1(L)L2
L14 0 L4 AND L13
L15 27771 TWO STAGE
L16 838 L2(L)L15
L17 11 L9 AND L16
L18 0 L1 AND L16

=> l13 and l15

L19 3 L13 AND L15

=> d l19 1-3 ti

L19 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN

TI A method of adhesion in profile lapping and an adhesive composition used therein

L19 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN

TI Reverse coating methods

L19 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN

TI High-molecular-weight crystalline thermoplastic polyesters

=> acid

3949235 ACID
1468030 ACIDS
L20 4425180 ACID
(ACID OR ACIDS)

=> l20(l)2

8320196 2
L21 1573514 L20(L)2
75% OF LIMIT FOR TOTAL ANSWERS REACHED

=> l20(l)l2

L22 150930 L20(L)L2

=> stage

376663 STAGE
256565 STAGES
L23 567630 STAGE
(STAGE OR STAGES)
95% OF LIMIT FOR TOTAL ANSWERS REACHED

=> l22 and l23

L24 4871 L22 AND L23

=> l1 and l24

L25 47 L1 AND L24

=> d l25 37-47 ti

L25 ANSWER 37 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN

TI Action of tertiary butyl lithium on carboxylic acid esters

L25 ANSWER 38 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN

TI Semielastic plastic foams

L25 ANSWER 39 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN

TI The formation of ketones. III. The pyrolysis of sodium acetate and some sodium dicarboxylates

L25 ANSWER 40 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN

TI Choice of urea-formaldehyde resin production methods

L25 ANSWER 41 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN

TI **Stages** in oxidations of organic compounds by potassium permanganate. VII. Characteristic features of oxidations involving the manganate, and hypomanganate anions

L25 ANSWER 42 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN

TI Dibasic carboxylic acids

L25 ANSWER 43 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN

TI Polyaminoacetals

L25 ANSWER 44 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN

TI Synthetic studies in the sterol and sex hormone group. IV. A synthesis of 3-(2-naphthyl)cyclopentanone derivatives

L25 ANSWER 45 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN

TI Synthetic resin compositions

L25 ANSWER 46 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN

TI Cycloketones

L25 ANSWER 47 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN

TI Two, symmetrical and asymmetrical, dimethylpentanones

=> d l25 42 ti fbib abs

L25 ANSWER 42 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN

TI Dibasic carboxylic acids

AN 1950:30255 CAPLUS

DN 44:30255

OREF 44:5905b-g

TI Dibasic carboxylic acids

PA E. I. du Pont de Nemours & Co.

DT Patent

LA Unavailable

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 633354		19491212	GB	
AB	<p>A cycloalkane, such as cyclohexane (I), is partially oxidized to a mixture of cycloalkanol and cycloalkanone. Unreacted cycloalkane is separated, and the residue is oxidized with HNO₃, preferably in a 2-stage operation, to a dibasic carboxylic acid. The yields are better than when the cycloalkanol and cycloalkanone are separated from the higher-boiling material present. E.g., I 1997.1 is partially oxidized by blowing with air in the presence of a Co naphthenate catalyst 77 min. at 142-5° and 100 lb./sq. in. pressure, and unreacted I 1748.8 parts separated by steam distillation. The product after partial drying contains cyclohexanone (II) 28.4, cyclohexanol (III) 29.6, cyclohexenyl cyclohexyl ether 0.6, cyclohexyl esters 3.2%, some 1,2-cyclohexanediol, and 22.2% material nonvolatile with steam containing adipate esters, δ-formylvaleric acid, ε-hydroxycaproic acid, and esters along with lower homologs. This mixture 506.3 added at 60° over a period of 120 min. to HNO₃ 1490, water 1010, NH₄ metavanadate 1.25, and freshly-dissolved Cu 3.75 parts, the temperature raised to 110-14° for 60 min., and the mixture cooled to 5°.</p>				

and centrifuged yields 1.06 parts **adipic acid** (IV)/part I consumed. In the 2-stage HNO₃ oxidation the above crude oxidation mixture is fed to 50% HNO₃ at 60° containing NH₄ vanadate 0.05 and dissolved Cu 0.15% circulating in a tube in the form of a closed loop at 30 lb./sq. in. with a contact time of about 1 min. The HNO₃ and the organic mixture are fed at different points, and the circulating rate is 5-7 times the feed rate. The mixture is then passed to a 2nd oxidation section at 100° for about 9 min. to yield 0.929 part IV/part organic feed. The crude reaction mixture is purified by introducing it into the midsection of a distillation column; water is fed into the top of the column so that only a small amount (0.02%) of the HNO₃ distills over with the monobasic **acid** impurities. IV containing only 0.07% monobasic **acids** (calculated as valeric) is crystallized from tails of the column, and HNO₃ is recovered from the mother liquor. When II and III are separated from the higher-boiling material after the air-oxidation step before further oxidation with HNO₃, the yield is generally less than 0.71 part IV/part I consumed. III and cyclohexyl valerate give better over-all yields of IV when oxidized together than when oxidized separately.

=> d 125 26-36 ti

- L25 ANSWER 26 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN
- TI Amorphous polyamides from terephthalic acids and branched diamines

- L25 ANSWER 27 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN
- TI High-molecular-weight crystalline thermoplastic polyesters

- L25 ANSWER 28 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN
- TI Drying polymer particles

- L25 ANSWER 29 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN
- TI Wet strength paper containing pH independent nylon-type resins

- L25 ANSWER 30 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN
- TI Nitrogen prepolymers as wet- and dry- strength improvers for paper

- L25 ANSWER 31 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN
- TI Oxidation of combustible shales with oxygen of the air. I. Oxidation of Gdov combustible shale in water

- L25 ANSWER 32 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN
- TI Oxidation of Kenderlyk shale with nitric acid

- L25 ANSWER 33 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN
- TI Molded articles and coatings from diepoxides

- L25 ANSWER 34 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN
- TI Degradation of poly-ε-caprolactam by an exchange reaction between amide links

- L25 ANSWER 35 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN
- TI α-Amino-β-oxo acids. I. Synthesis and attempted isolation of the free acids

- L25 ANSWER 36 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN
- TI Utilization of furfural as initial substance in the plastic industry

=> d 125 15-25 ti

- L25 ANSWER 15 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN
- TI Highly filled, melt processible, thermoplastic polymer blend compositions

L25 ANSWER 16 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Thermoplastic urethane elastomers

L25 ANSWER 17 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Screen printing plate prepared by electroplating

L25 ANSWER 18 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Monocomponent urethane elastomer solutions

L25 ANSWER 19 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Reverse coating methods

L25 ANSWER 20 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Reactive amine-aldehyde polycondensation products

L25 ANSWER 21 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Polyurethane elastomer solutions

L25 ANSWER 22 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Poly(amide-amine)-epichlorohydrin wet strength resin for paper

L25 ANSWER 23 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Polyamides from dry starting materials

L25 ANSWER 24 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Organic acids and the growth spring and winter wheat

L25 ANSWER 25 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Binder for water soluble thermosetting varnishes

=> d 125 1-14 ti

L25 ANSWER 1 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Study on ambient cross-linkable acrylic emulsion

L25 ANSWER 2 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Preparation and phase separation of water-born polyurethane based on poly(ethylene terephthalate)

L25 ANSWER 3 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Preparation and phase separation of waterborne polyurethane based on poly(ethylene terephthalate)

L25 ANSWER 4 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Aqueous coating composition, its preparation and use for stoving lacquers

L25 ANSWER 5 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Use of an aqueous binder combination for the preparation of physically drying coatings

L25 ANSWER 6 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Water-soluble organic coating on powdered coal for improved injection into furnaces

L25 ANSWER 7 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Structure of poly(ester-urethane) (PEU) films in different **stages** of their manufacture

L25 ANSWER 8 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Hair shampoo-conditioner composition

L25 ANSWER 9 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Chlorinated rubber-based, air-drying coating compositions

L25 ANSWER 10 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Preparation of aqueous dispersions of polyurethane-siloxane ionomers for coatings

L25 ANSWER 11 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Preparation of isocyanate group-containing prepolymers for use in coatings

L25 ANSWER 12 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN
 TI A method of adhesion in profile lapping and an adhesive composition used therein

L25 ANSWER 13 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Air-drying chlorinated PVC coatings

L25 ANSWER 14 OF 47 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Optimization of convective drying of polymer materials at the design stage

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	60.95	61.16

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-2.19	-2.19

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 07:29:26 ON 14 MAR 2005

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LOGINID:SSSPTA1623PAZ

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 FILE 'CAPLUS' ENTERED AT 07:59:21 ON 14 MAR 2005
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COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	60.95	61.16

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-2.19	-2.19

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	60.95	61.16

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
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	ENTRY	SESSION
CA SUBSCRIBER PRICE	-2.19	-2.19

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 07:59:32 ON 14 MAR 2005

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
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COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	60.95	61.16
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-2.19	-2.19

=> d his

(FILE 'HOME' ENTERED AT 06:15:51 ON 14 MAR 2005)

FILE 'CAPLUS' ENTERED AT 06:16:03 ON 14 MAR 2005

L1	36214	ADIPIC
L2	680313	DRY?
L3	2504	L1 AND L2
L4	14861	FINES
L5	1	L3 AND L4
L6	11514	POLYCARBOXYLIC
L7	629	L6(L) L2
L8	4	L4 AND L7
L9	225359	CARBOXYLIC
L10	7198	L9(L) L2
L11	7	L4 AND L10
L12	5	L11 NOT L8
L13	1717	L1(L) L2
L14	0	L4 AND L13
L15	27771	TWO STAGE
L16	838	L2(L) L15
L17	11	L9 AND L16
L18	0	L1 AND L16
L19	3	L13 AND L15
L20	4425180	ACID
L21	1573514	L20(L) 2
L22	150930	L20(L) L2
L23	567630	STAGE
L24	4871	L22 AND L23
L25	47	L1 AND L24

=> caking

6308 CAKING
3 CAKINGS

L26 6310 CAKING
(CAKING OR CAKINGS)

=> 11(1)126

L27 12 L1(L) L26

=> 12 and 127

L28 4 L2 AND L27

=> d 128 1-4 ti

L28 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN
TI **Drying** polyester molding compounds without caking

L28 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN
TI Anticaking agents for use during **drying** of polyester pellets

L28 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN
TI Anticaking agents for polyester molding material

L28 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN
TI Increasing the solution rate of adipic acid in cold water

=> d 128 4 ti fbib abs

L28 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN
TI Increasing the solution rate of adipic acid in cold water
AN 1961:89205 CAPLUS
DN 55:89205
OREF 55:16852f-g
TI Increasing the solution rate of adipic acid in cold water
IN Block, Harry W.; Touher, Paul B.
PA General Foods Corp.
DT Patent
LA Unavailable
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2982653		19510502	US	
AB	An adipic acid-containing composition with an increased rate of solubility is prepared by mixing adipic acid 1 and NH ₄ Cl or NaCl 0.01-5 parts, dampening with 5-10% H ₂ O, and then drying the mixture to form granules. Thus, 400 lb. of 100 mesh adipic acid is blended for 10 min. with 100 lb. of 50 mesh NaCl. H ₂ O (35 lb.) is added. The mixture is blended for 10 min., screened to 30 mesh, and dried to 0.5% H ₂ O. Fruit-flavored beverage powders containing this composition and hygroscopic sugar exhibit little or no caking during storage and can be rehydrated in cold H ₂ O within several min.				

=> d 128 1 ti fbib abs

L28 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN
TI **Drying** polyester molding compounds without caking
AN 1973:160511 CAPLUS
DN 78:160511
TI **Drying** polyester molding compounds without caking
IN Esaki, Tamemaru
PA Kuraray Co., Ltd.
SO Jpn. Kokai Tokkyo Koho, 4 pp.
CODEN: JKXXAF

DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 48012858	B4	19730217	JP 1971-47016	19710628
AB	Caking -resistant poly(ethylene terephthalate) [25038-59-9] molding chips containing adipic acid or isophthalic acid were prepared by mixing the chips with 0.80-1.55% of an ester, m-R2C6H4CO2R1 [I, R1 = Me, Et, CH2CH2OH, CH2CH:CH2; R2 = CO2Me, CO2(CH2)3OH, OH, CO2CH2CH:CH2, CO2H, CO2Et], e.g., an di-Me isophthalate [1459-93-4], before drying the chips at 150.deg..				

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	75.27	75.48
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-3.65	-3.65

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STRUCTURE FILE UPDATES: 13 MAR 2005 HIGHEST RN 845467-46-1
DICTIONARY FILE UPDATES: 13 MAR 2005 HIGHEST RN 845467-46-1

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> e adipic acid/cn

E1	1	ADIPIC ACI-1,4-CYCLOHEXANEDICARBOXYLIC ACID-DESMODUR N 3300- HEXAHYDROPHTHALIC ANHYDRIDE-NEOPENTYL GLYCOL-ISOPHTHALIC ACI D-TRIMETHYLOLPROPANE COPOLYMER/CN
E2	1	ADIPIC ACI-ADIPIC ACID HEXAMETHYLENEDIAMINE SALT-ISOPHTHALIC ACID HEXAMETHYLENEDIAMINE SALT COPOLYMER/CN
E3	1 -->	ADIPIC ACID/CN
E4	1	ADIPIC ACID (1,4-BUTANEDICARBOXYLIC ACID, HEXANEDIOIC ACID), BIS(2,3-DIHYDROXYPROPYL) ESTER, POLYMER/CN
E5	1	ADIPIC ACID 1,4-BUTANEDIAMINE SALT HOMOPOLYMER/CN
E6	1	ADIPIC ACID 1,4-BUTANEDIOL-BUTYL ACRYLATE-BUTYL METHACRYLATE -HYDROXYPROPYL METHACRYLATE-MALEIC ANHYDRIDE-METHACRYLIC ACI D-METHYL METHACRYLATE COPOLYMER/CN
E7	1	ADIPIC ACID 1,4-BUTANEDIOL-N,N'-DIMETHYLHYDRAZINE-ISOPROPYLI DENE DICYCLOHEXYL-4,4'-DIISOCYANATE/CN
E8	1	ADIPIC ACID 2,2-BIS(4-AMINOCYCLOHEXYL) PROPANE SALT/CN
E9	1	ADIPIC ACID 2,2-BIS(4-AMINOCYCLOHEXYL) PROPANE SALT POLYMER/C

N
 E10 1 ADIPIC ACID 2,2-BIS(4-AMINOCYCLOHEXYL)PROPANE SALT POLYMER,
 SRU/CN
 E11 1 ADIPIC ACID 2,5-DIMETHYLHEXAMETHYLENEDIAMINE SALT/CN
 E12 1 ADIPIC ACID 2-METHYLIMIDAZOLE SALT (1:1)/CN

=> e3

L29 1 "ADIPIC ACID"/CN

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	5.03	80.51
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-3.65

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FILE COVERS 1907 - 14 Mar 2005 VOL 142 ISS 12
 FILE LAST UPDATED: 13 Mar 2005 (20050313/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> 129

L30 13073 L29

=> d his

(FILE 'HOME' ENTERED AT 06:15:51 ON 14 MAR 2005)

FILE 'CAPLUS' ENTERED AT 06:16:03 ON 14 MAR 2005

L1 36214 ADIPIC
 L2 680313 DRY?
 L3 2504 L1 AND L2
 L4 14861 FINES
 L5 1 L3 AND L4
 L6 11514 POLYCARBOXYLIC
 L7 629 L6(L)L2
 L8 4 L4 AND L7
 L9 225359 CARBOXYLIC
 L10 7198 L9(L)L2
 L11 7 L4 AND L10
 L12 5 L11 NOT L8
 L13 1717 L1(L)L2
 L14 0 L4 AND L13

L15 27771 TWO STAGE
 L16 838 L2(L)L15
 L17 11 L9 AND L16
 L18 0 L1 AND L16
 L19 3 L13 AND L15
 L20 4425180 ACID
 L21 1573514 L20(L)2
 L22 150930 L20(L)L2
 L23 567630 STAGE
 L24 4871 L22 AND L23
 L25 47 L1 AND L24
 L26 6310 CAKING
 L27 12 L1(L)L26
 L28 4 L2 AND L27

FILE 'REGISTRY' ENTERED AT 08:26:26 ON 14 MAR 2005
 E ADIPIC ACID/CN

L29 1 E3

FILE 'CAPLUS' ENTERED AT 08:26:59 ON 14 MAR 2005

L30 13073 L29

=> 130(1)12

L31 104 L30(L)L2

=> 13 and 131

L32 89 L3 AND L31

=> 13(1)131

PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
 FIELD CODE - 'AND' OPERATOR ASSUMED 'L3(L)L31'

L33 89 L3(L)L31

=> help command

HELP FOR 'CAMMAND' IS NOT AVAILABLE

For information about help messages available in all files, enter
 "HELP MESSAGES". For information about help messages available for
 the current file, enter "HELP DIRECTORY". For a list of commands,
 enter "HELP COMMANDS".

=> help command

Enter one of these commands at the arrow prompt (=>).

ACTIVATE ----- Assign L#s to saved query or answer set.
 ANALYZE ----- Build expand terms from answer fields.
 ARCHIVE ----- Purchase rights for archiving.
 DELETE ----- Delete saved or current session items.
 DISPLAY ----- Display saved or current session items.
 DUPLICATE ----- Determine duplicate answers
 EDIT ----- Modify the text of an E-number entry.
 EXPAND ----- Look at the index around a term.
 FILE ----- Specify the search and display file.
 FOCUS ----- Rank answers in order of relevancy.
 FSEARCH ----- Find records from given patent family(s)
 FSORT ----- Sort patent records by patent family
 HELP ----- For help on how to use the system.
 INDEX ----- Specify the Index environment.
 LOGOFF ----- End the online session.
 NEWS ----- Display current news about the system.
 ORDER ----- Order an original document or copy.
 PRINT ----- Print answers offline.
 QUERY ----- Define a search question (query).
 REDISTRIBUTE - Purchase rights for redistribution.

SAVE ----- Save an L-numbered query or answer set.
SDI ----- Request searches be run on file updates.
SEARCH ----- Perform a search.
SELECT ----- Build expand terms from answer fields.
SET ----- Set terminal and interaction options.
SORT ----- Sort Answers of an L-number list
TABULATE ----- Analyze SmartSELECT L-number data.
TRANSFER ----- Extract terms from answers and search.
? ----- The same as HELP.
Enter one of these commands at the arrow prompt (=>).

For more detailed information about a command, enter HELP followed by the command name at an arrow prompt.

Example: => HELP SEARCH

For information on entering multiple commands at a single arrow prompt, enter HELP COMMAND STACKING.

=> help search

The SEARCH command is used to execute a search in the current file.

To use this command, enter SEARCH and a query name or a logic expression. The system will create an L-number answer set containing the results of the search.

A logic expression (profile) consists of L-numbers, E-numbers, text or numeric terms and/or saved query names, joined by Boolean operators and/or by appropriate proximity operators or by numeric operators in numeric expressions.

The order of precedence for the execution of operators is (highest first): numeric operators; (W), (NOTW), (A), and (NOTA); (S) and (NOTS); (P) and (NOTP); (L) and (NOTL); AND and NOT; then OR. Parentheses (nesting) can be used to modify this order. For information on the use of operators, enter HELP OPERATORS at an arrow prompt (=>). Enter HELP NUMERIC for an explanation of how to use numeric terms in a search.

The search terms you choose must be appropriate for the file you are in, e.g., structures can be searched in the REGISTRY file but not in the CAPLUS file. Generic structure files may be searched only with single structures, without logic operators or screen terms.

Ranges of L-numbers and/or E-numbers may be searched as if you had connected them with OR operators. For example, S E3-E6,E12,L2,L9-8 would be searched as if you had entered E3 OR E4 OR E5 OR E6 OR E12 OR L2 OR L9 OR L8.

To automatically add plurals for terms in the Basic Index or fields that comprise the Basic Index in a single search in an English language database, include PLURALS=ON in the command line, e.g., SEARCH HEDGE AND CLIPPER PLURALS=ON. For more information on searching plurals automatically, enter HELP SET PLURALS at an arrow prompt).

You may search a phrase in a field that contains single words and an appropriate operator, usually (W), will automatically be inserted between the words in the phrase.

Example:

```
=> SEARCH ACID RAIN AND POLLUTION
    752118 ACID
      5169 RAIN
        1214 ACID RAIN
          (ACID(W) RAIN)
    93061 POLLUTION
L2   1214 ACID RAIN AND POLLUTION
```

If you do not wish to see how a phrase was actually searched, enter SET INTERPRET OFF at an arrow prompt before executing the search. For more information, enter HELP SET INTERPRET.

You may select terms from an answer set in one file and search these terms in the same or another field in the same or another file. For more information on this type of file crossover, enter HELP SMARTSELECT at an arrow prompt. For more information on other types of file crossover, enter HELP CROSSOVER in the file.

You may choose to have the SEARCH command automatically inserted into your input query. To do this, enter SET AUTOSEARCH ON at an arrow prompt. For more information, enter HELP SET AUTOSEARCH.

If a saved query appears in a search, the full name must be entered, including /Q, e.g., SEARCH L3 AND HEDGE/Q NOT SULFUR/Q.

Saved answer sets, L-number lists, and SDI profiles must have L-numbers to be used in the SEARCH command. First ACTIVATE the saved item. Then use the L-number, not the saved name, in the SEARCH command.

Searches can be done on a limited portion of the file. For an explanation, enter HELP SEARCH RANGE at an arrow prompt.

Search terms may be truncated. For information on truncation symbols, enter HELP TRUNCATION at an arrow prompt. To see what terms or symbols may need special care when used in a search, enter HELP RESERVED.

To have L-numbers assigned to intermediate postings in a SEARCH, enter SEARCH STEPS. For more information, enter HELP SEARCH STEPS at an arrow prompt.

With fields for which a thesaurus file exists, search queries may be enriched with additional search terms such as Narrower Terms, Broader Terms, Related Terms, etc. For more information about using a thesaurus in searches, enter HELP THESAURUS at an arrow prompt in the desired file.

When SmartSelect L-numbers are searched, a new SmartSelect L-number can be created that contains those terms for which there were no postings. For more information, enter HELP SET AUDIT at an arrow prompt.

```
=> d 132 79-89 ti
```

```
L32  ANSWER 79 OF 89  CAPLUS  COPYRIGHT 2005 ACS on STN
TI   Purification of adipic acid
```

```
L32  ANSWER 80 OF 89  CAPLUS  COPYRIGHT 2005 ACS on STN
TI   Adipic acid by oxidation of cyclohexanol-cyclohexanone mixtures
```

```
L32  ANSWER 81 OF 89  CAPLUS  COPYRIGHT 2005 ACS on STN
TI   Quick-drying, synthetic resin-containing coating compositions
```

L32 ANSWER 82 OF 89 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Metal primers comprising partial fatty acid esters of styrene-allyl alcohol copolymers and **adipic** acid

L32 ANSWER 83 OF 89 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Alkyd resins

L32 ANSWER 84 OF 89 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Polyurethane dormant mix and method of forming a foamed polyurethane

L32 ANSWER 85 OF 89 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Polyester resin paints. V. Resins modified with unsaturated fatty acids

L32 ANSWER 86 OF 89 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Processes for **drying** some powdered polymeric materials in boiling layers and in the suspended state

L32 ANSWER 87 OF 89 CAPLUS COPYRIGHT 2005 ACS on STN
 TI **Adipic** acid composition

L32 ANSWER 88 OF 89 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Spray-**drying** soluble, fusible polymers of unsaturated esters

L32 ANSWER 89 OF 89 CAPLUS COPYRIGHT 2005 ACS on STN
 TI **Drying** binders for lacquers

=> d 132 79 ti fbib abs

L32 ANSWER 79 OF 89 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Purification of **adipic** acid
 AN 1972:502403 CAPLUS
 DN 77:102403
 TI Purification of **adipic** acid
 IN Ryashentsev, K. V.; Nikiforov, A. A.; Gumenyuk, M. B.; Lur'e, B. I.; Lupanov, P. A.; Ukshe, A. A.
 SO U.S.S.R.
 From: Otkrytiya, Izobret., Prom. Obratzsy, Tovarnye Znaki 1972, 49(11), 96.
 CODEN: URXXAF
 DT Patent
 LA Russian
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	SU 333163		19720321	SU	19690404
AB	Adipic acid [124-04-9] obtained as a byproduct in caprolactam manufacture is purified by oxidation of the dry residue with 0.005-0.03 kg oxygen [7782-44-7]/kg residue at 160.deg. and treating the oxidate with acetone [67-64-1] and 1.5% HCl.				

=> 126 and 130
 L34. 7 L26 AND L30

=> d 134 1-7 ti

L34 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Anti-**caking** loosening agent for long term storage of composite fertilizer

L34 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN

TI Solid aqueous cosmetics

L34 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN

TI Fungistatic compounds in broiler production. 2. Effect on feed microflora

L34 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN

TI Drying polyester molding compounds without **caking**

L34 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN

TI Preventing **caking** of adipic acid

L34 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN

TI An acidulent for gelatin jelly desserts

L34 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN

TI Increasing the solution rate of adipic acid in cold water

=> d l34 5 ti fbib abs

L34 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN

TI Preventing **caking** of adipic acid

AN 1969:87042 CAPLUS

DN 70:87042

TI Preventing **caking** of adipic acid

PA du Pont de Nemours, E. I., and Co.

SO Brit., 3 pp.

CODEN: BRXXAA

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	GB 1143800		19690226		
				US	19660623
	DE 1618796			DE	
	FR 1528466			FR	
	US 3459798		19690000	US	

AB **Caking** of the title compound (I) was prevented by addition of 25-200 ppm. saturated carboxylic or dicarboxylic acids or an emulsion containing the acids. Thus, a slurry of I in water was treated with 50 ppm. com. stearic acid composition comprising stearic acid 89, palmitic acid 9, and myristic acid 1%. The mixture was centrifuged, dried 30 min. at 95-100°, and stored for 10 days at 25° and 100% relative humidity without occurrence of **caking**. Similar results were obtained with com. stearic acid mixts., branched chain saturated organic acid mixts., 1,12-dodecanedioic acid, 1,11-undecanedioic acid, 1,10-decanedioic acid, tridecanedioic acid, or nonadecanoic acid or by using an emulsion prepared by emulsifying a com. stearic acid with NH4OH in water.

=> logoff hold

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
19.16	99.67

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-1.46	-5.11

CA SUBSCRIBER PRICE

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 08:37:56 ON 14 MAR 2005

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'CAPLUS' AT 08:39:41 ON 14 MAR 2005
FILE 'CAPLUS' ENTERED AT 08:39:41 ON 14 MAR 2005
COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	19.16	99.67
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.46	-5.11

=> d his

(FILE 'HOME' ENTERED AT 06:15:51 ON 14 MAR 2005)

FILE 'CAPLUS' ENTERED AT 06:16:03 ON 14 MAR 2005

L1 36214 ADIPIC
L2 680313 DRY?
L3 2504 L1 AND L2
L4 14861 FINES
L5 1 L3 AND L4
L6 11514 POLYCARBOXYLIC
L7 629 L6(L)L2
L8 4 L4 AND L7
L9 225359 CARBOXYLIC
L10 7198 L9(L)L2
L11 7 L4 AND L10
L12 5 L11 NOT L8
L13 1717 L1(L)L2
L14 0 L4 AND L13
L15 27771 TWO STAGE
L16 838 L2(L)L15
L17 11 L9 AND L16
L18 0 L1 AND L16
L19 3 L13 AND L15
L20 4425180 ACID
L21 1573514 L20(L)2
L22 150930 L20(L)L2
L23 567630 STAGE
L24 4871 L22 AND L23
L25 47 L1 AND L24
L26 6310 CAKING
L27 12 L1(L)L26
L28 4 L2 AND L27

FILE 'REGISTRY' ENTERED AT 08:26:26 ON 14 MAR 2005

E ADIPIC ACID/CN

L29 1 E3

FILE 'CAPLUS' ENTERED AT 08:26:59 ON 14 MAR 2005

L30 13073 L29
 L31 104 L30(L) L2
 L32 89 L3 AND L31
 L33 89 L3(L) L31
 L34 7 L26 AND L30

=> 12(1) L23
 L35 21291 L2(L) L23

=> 130(1) L35
 L36 0 L30(L) L35

=> 16 and 135
 L37 9 L6 AND L35

=> 16(1) L35
 L38 9 L6(L) L35

=> d 138 1-9 ti

L38 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN
 TI FT-IR determination of degree of esterification in polycarboxylic acid cross-link finishing of cotton

L38 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Metallic base coating materials

L38 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Air-drying chlorinated PVC coatings

L38 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Alkyd resins

L38 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Water-soluble polyester binders

L38 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN
 TI The mechanism of coal oxidation in the solid and liquid phase. The oxidation of coals with molecular oxygen

L38 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Emulsifying agent

L38 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Ester-amides and ester-imides

L38 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Polyhydric alcohol-polybasic acid condensates

=> d cost

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
CONNECT CHARGES	9.75	25.48
NETWORK CHARGES	1.50	3.96
SEARCH CHARGES	0.00	25.39
DISPLAY CHARGES	13.94	50.87
	-----	-----
FULL ESTIMATED COST	25.19	105.70
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-1.46	-5.11

IN FILE 'CAPLUS' AT 08:44:04 ON 14 MAR 2005

=> logoff hold

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
25.64	106.15

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-1.46	-5.11

CA SUBSCRIBER PRICE

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 08:44:12 ON 14 MAR 2005

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	77	(34/496).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/14 06:01
L2	42015	polycarboxylic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 05:50
L3	850	(562/590).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/14 05:50
L4	509	(562/593).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/14 08:52
L5	61044	adipic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 05:50
L6	722	hexanedioic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 05:50
L7	61044	((("20020045748").PN.) or adipic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 05:50
L8	886	((562/590).CCLS.) or ((562/593).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 05:50
L9	172	((("20020045748").PN.) or adipic) and (((562/590).CCLS.) or ((562/593).CCLS.))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 05:50
L10	1338000	dry\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 05:50
L11	0	dry\$ same (((562/590).CCLS.) or ((562/593).CCLS.))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 05:50

L12	1696	polycarboxylic same dry\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 05:50
L13	0	((((562/590).CCLS.) or ((562/593).CCLS.)) and (polycarboxylic near3 dry\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 05:50
L14	2657774	air	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 05:50
L15	894	(polycarboxylic same dry\$) and air	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 05:50
L16	58	dry\$ and (((("20020045748").PN.) or adipic) and (((562/590).CCLS.) or ((562/593).CCLS.)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 05:50
L17	66	polycarboxylic near3 dry\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 05:50
L18	0	((((562/590).CCLS.) or ((562/593).CCLS.)) and (("34").CLAS.))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 05:50
L19	59448	("34").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/14 05:50
L21	25	adipic and (("34").CLAS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 05:50
L22	22	polycarboxylic and (("34").CLAS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 06:03
L23	22	(adipic and (("34").CLAS.)) not (polycarboxylic and (("34").CLAS.))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 05:50
L24	19	(polycarboxylic and (("34").CLAS.)) not (adipic and (("34").CLAS.))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 05:50

L25	1349458	stage	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 05:50
L26	2816	((("34").CLAS.) and stage	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 05:50
L27	203	(34/446).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/14 05:50
L28	384801	carboxylic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 05:50
L29	118	((("34").CLAS.) and carboxylic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 07:15
L30	30977	dewatering	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 05:50
L31	462	adipic and dewatering	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 05:50
L32	17	adipic same dewatering	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 05:50
L33	1858	carboxylic and dewatering	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 05:50
L34	163	carboxylic same dewatering	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 05:50
L35	1	"2398485".PN.	USPAT	OR	OFF	2005/03/14 05:50
L36	1	"2539472".PN.	USPAT	OR	OFF	2005/03/14 05:50
L37	1	"2398485".PN.	USPAT	OR	OFF	2005/03/14 05:50
L38	3	"2398485".URPN.	USPAT	OR	ON	2005/03/14 05:50
L39	1	"2539472".PN.	USPAT	OR	OFF	2005/03/14 05:50
L40	1	"2592964".PN.	USPAT	OR	OFF	2005/03/14 05:50
L41	1	"2592964".PN.	USPAT	OR	OFF	2005/03/14 05:50

L42	1	"3023238".PN.	USPAT	OR	OFF	2005/03/14 05:50
L43	1	"3329712".PN.	USPAT	OR	OFF	2005/03/14 05:50
L44	1	"3786096".PN.	USPAT	OR	OFF	2005/03/14 05:50
L45	1	"3810937".PN.	USPAT	OR	OFF	2005/03/14 05:50
L46	1	"4191616".PN.	USPAT	OR	OFF	2005/03/14 05:50
L47	1	"4230887".PN.	USPAT	OR	OFF	2005/03/14 05:50
L48	1	"4275234".PN.	USPAT	OR	OFF	2005/03/14 05:50
L49	1	"4705894".PN.	USPAT	OR	OFF	2005/03/14 05:50
L50	43	"5104492".URPN.	USPAT	OR	ON	2005/03/14 05:50
L51	59536	dicarboxylic	USPAT	OR	ON	2005/03/14 05:50
L52	338	dewatering and dicarboxylic	USPAT	OR	ON	2005/03/14 07:55
L53	13	dewatering same dicarboxylic	USPAT	OR	ON	2005/03/14 05:50
L54	2393	dry\$ same dicarboxylic	USPAT	OR	ON	2005/03/14 05:50
L55	65	stage same (dry\$ same dicarboxylic)	USPAT	OR	ON	2005/03/14 05:50
L56	31	dicarboxylic and (("34").CLAS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 05:50
L57	156813	dehydrat\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 05:50
L58	79	dry\$ near3 dicarboxylic	USPAT	OR	ON	2005/03/14 05:50
L59	32958	adipic and dry\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 05:50
L60	46	adipic near3 dry\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 05:50
L61	698611	drying	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 05:50
L62	21790	adipic and drying	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 05:50
L63	968	adipic same drying	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 06:08

L64	6	adipic near3 drying	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 05:50
L65	0	("I4andI21").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/14 05:50
L66	0	((562/593).CCLS.) and (("34"). CLAS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 05:50
L67	156	dry\$ and ((562/590).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 05:50
L68	50356	hot adj gas	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 06:08
L69	199	adipic and (hot adj gas)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 06:54
L70	2	adipic same (hot adj gas)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 05:50
L71	3	"6703529".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 05:50
L72	2	"5471001".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 05:50
L73	1304002	"110"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 05:50
L74	1949	adipic same "110"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 05:50
L75	53	dry\$ same (adipic same "110")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 05:50

L76	13921	"110 degrees"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 05:50
L77	32	adipic same "110 degrees"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 05:50
L78	58522	("562").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/03/14 06:01
L80	0	I1 and I78	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 06:02
L81	14	I19 and I78	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 06:03
L82	859391	fines	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 06:09
L83	10	I63 same I82	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 06:09
L84	2	"2768629".PN.	USPAT; USOCR	OR	ON	2005/03/14 07:48
L85	2	"3119560".PN.	USPAT; USOCR	OR	ON	2005/03/14 06:32
L86	2	"3564724".PN.	USPAT; USOCR	OR	ON	2005/03/14 06:32
L87	1	"3693079".PN.	USPAT; USOCR	OR	ON	2005/03/14 06:32
L88	2	"3748224".PN.	USPAT; USOCR	OR	ON	2005/03/14 06:33
L89	1	"3801426".PN.	USPAT; USOCR	OR	ON	2005/03/14 07:34
L90	1	"3815254".PN.	USPAT; USOCR	OR	ON	2005/03/14 06:33
L91	1	"3905123".PN.	USPAT; USOCR	OR	ON	2005/03/14 06:33
L92	1	"3906196".PN.	USPAT; USOCR	OR	ON	2005/03/14 06:33

L93	1	"4043050".PN.	USPAT; USOCR	OR	ON	2005/03/14 06:33
L94	145911	two adj stage	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 06:58
L95	25	I69 and I94	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 06:55
L96	1349458	stage	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 06:59
L97	700	I5 same I96	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 06:59
L99	700	I96 same I97	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 07:00
L100	55400	I96 same I10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 07:01
L101	34	I97 same I10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 07:01
L102	39	I96 and I29	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 07:15
L103	19	("2768629").URPN.	USPAT	OR	ON	2005/03/14 07:31
L104	0	I5 and I103	USPAT	OR	ON	2005/03/14 07:31
L105	0	"547001".PN.	USPAT; USOCR	OR	ON	2005/03/14 07:38
L106	1	"5471001".PN.	USPAT; USOCR	OR	ON	2005/03/14 07:35
L107	9	("5471001").URPN.	USPAT	OR	ON	2005/03/14 07:35
L108	1	"6703529".PN.	USPAT; USOCR	OR	ON	2005/03/14 07:38
L109	1	"4170073".PN.	USPAT; USOCR	OR	ON	2005/03/14 07:48
L110	7	("4170073").URPN.	USPAT	OR	ON	2005/03/14 07:48
L111	145	I5 and I52	USPAT	OR	ON	2005/03/14 07:50

L112	13	dewatering same dicarboxylic	USPAT	OR	ON	2005/03/14 08:33
L113	1	"3459798".pn.	USPAT	OR	ON	2005/03/14 08:33
L114	2	("3459798").URPN.	USPAT	OR	ON	2005/03/14 08:34
L116	886	I3 or I4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 08:52
L117	172	I116 and I5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 08:52
L118	2	"6814867".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/03/14 09:28
L119	1	"4465861".PN.	USPAT; USOCR	OR	ON	2005/03/14 09:28
L120	1	"4720592".PN.	USPAT; USOCR	OR	ON	2005/03/14 09:28
L121	1	"5308501".PN.	USPAT; USOCR	OR	ON	2005/03/14 09:28
L122	1	"5932109".PN.	USPAT; USOCR	OR	ON	2005/03/14 09:29
L123	1	"5932109".PN.	USPAT; USOCR	OR	ON	2005/03/14 09:29
L124	1	"6008415".PN.	USPAT; USOCR	OR	ON	2005/03/14 09:29
L125	1	"6515171".PN.	USPAT; USOCR	OR	ON	2005/03/14 09:29
L126	1	"6563001".PN.	USPAT; USOCR	OR	ON	2005/03/14 09:29
L127	1	"6563001".PN.	USPAT; USOCR	OR	ON	2005/03/14 09:37
L128	1	"6703529".PN.	USPAT; USOCR	OR	ON	2005/03/14 09:37
L129	1	"20020042722".PN.	US-PGPUB	OR	ON	2005/03/14 09:37

	Type	L #	Hits	Search Text	DBs
1	BRS	L2	42015	polycarboxylic	US- PGPUB; USPAT; EPO; JPO; DERWEN T
2	IS&R	L3	850	(562/590).CCLS.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T
3	IS&R	L4	509	(562/593).CCLS.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T
4	BRS	L5	61044	adipic	US- PGPUB; USPAT; EPO; JPO; DERWEN T
5	BRS	L6	722	hexanedioic	US- PGPUB; USPAT; EPO; JPO; DERWEN T

	Time Stamp	Comments	Error Definition	Errors
1	2005/03/14 05:50			
2	2005/03/14 05:50			
3	2005/03/14 08:52			
4	2005/03/14 05:50			
5	2005/03/14 05:50			

	Type	L #	Hits	Search Text	DBs
6	BRS	L7	61044	((("20020045748").PN.) or adipic	US-PGPUB; USPAT; EPO; JPO; DERWEN T
7	BRS	L8	886	((562/590).CCLS.) or ((562/593).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWEN T
8	BRS	L9	172	((("20020045748").PN.) or adipic) and ((562/590).CCLS.) or ((562/593).CCLS.))	US-PGPUB; USPAT; EPO; JPO; DERWEN T
9	BRS	L10	133800 0	dry\$	US-PGPUB; USPAT; EPO; JPO; DERWEN T
10	BRS	L11	0	dry\$ same ((562/590).CCLS.) or ((562/593).CCLS.))	US-PGPUB; USPAT; EPO; JPO; DERWEN T

	Time Stamp	Comments	Error Definition	Errors
6	2005/03/14 05:50			
7	2005/03/14 05:50			
8	2005/03/14 05:50			
9	2005/03/14 05:50			
10	2005/03/14 05:50			

	Type	L #	Hits	Search Text	DBs
11	BRS	L12	1696	polycarboxylic same dry\$	US- PGPUB; USPAT; EPO; JPO; DERWEN T
12	BRS	L13	0	(((562/590).CCLS.) or ((562/593).CCLS.)) and (polycarboxylic near3 dry\$)	US- PGPUB; USPAT; EPO; JPO; DERWEN T
13	BRS	L14	265777 4	air	US- PGPUB; USPAT; EPO; JPO; DERWEN T
14	BRS	L15	894	(polycarboxylic same dry\$) and air	US- PGPUB; USPAT; EPO; JPO; DERWEN T
15	BRS	L18	0	(((562/590).CCLS.) or ((562/593).CCLS.)) and (("34").CLAS.)	US- PGPUB; USPAT; EPO; JPO; DERWEN T

	Time Stamp	Comments	Error Definition	Errors
11	2005/03/14 05:50			
12	2005/03/14 05:50			
13	2005/03/14 05:50			
14	2005/03/14 05:50			
15	2005/03/14 05:50			

	Type	L #	Hits	Search Text	DBs
16	IS&R	L19	59448	("34").CLAS.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T
17	BRS	L22	22	polycarboxylic and (("34").CLAS.)	US- PGPUB; USPAT; EPO; JPO; DERWEN T
18	BRS	L23	22	(adipic and ("34").CLAS.)) not (polycarboxylic and (("34").CLAS.))	US- PGPUB; USPAT; EPO; JPO; DERWEN T
19	BRS	L25	134945 8	stage	US- PGPUB; USPAT; EPO; JPO; DERWEN T
20	BRS	L26	2816	(("34").CLAS.) and stage	US- PGPUB; USPAT; EPO; JPO; DERWEN T

	Time Stamp	Comments	Error Definition	Errors
16	2005/03/14 05:50			
17	2005/03/14 06:03			
18	2005/03/14 05:50			
19	2005/03/14 05:50			
20	2005/03/14 05:50			

	Type	L #	Hits	Search Text	DBs
21	BRS	L28	384801	carboxylic	US- PGPUB; USPAT; EPO; JPO; DERWEN T
22	BRS	L30	30977	dewatering	US- PGPUB; USPAT; EPO; JPO; DERWEN T
23	BRS	L31	462	adipic and dewatering	US- PGPUB; USPAT; EPO; JPO; DERWEN T
24	BRS	L33	1858	carboxylic and dewatering	US- PGPUB; USPAT; EPO; JPO; DERWEN T
25	BRS	L51	59536	dicarboxylic	USPAT
26	BRS	L54	2393	dry\$ same dicarboxylic	USPAT
27	BRS	L57	156813	dehydrat\$	US- PGPUB; USPAT; EPO; JPO; DERWEN T

	Time Stamp	Comments	Error Definition	Errors
21	2005/03/14 05:50			
22	2005/03/14 05:50			
23	2005/03/14 05:50			
24	2005/03/14 05:50			
25	2005/03/14 05:50			
26	2005/03/14 05:50			
27	2005/03/14 05:50			

	Type	L #	Hits	Search Text	DBs
28	BRS	L59	32958	adipic and dry\$	US- PGPUB; USPAT; EPO; JPO; DERWEN T
29	BRS	L61	698611	drying	US- PGPUB; USPAT; EPO; JPO; DERWEN T
30	BRS	L62	21790	adipic and drying	US- PGPUB; USPAT; EPO; JPO; DERWEN T
31	BRS	L63	968	adipic same drying	US- PGPUB; USPAT; EPO; JPO; DERWEN T
32	IS&R	L65	0	("l4andl21").PN.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T

	Time Stamp	Comments	Error Definition	Errors
28	2005/03/14 05:50			
29	2005/03/14 05:50			
30	2005/03/14 05:50			
31	2005/03/14 06:08			
32	2005/03/14 05:50			

	Type	L #	Hits	Search Text	DBs
33	BRS	L66	0	((562/593).CCLS.) and (("34").CLAS.)	US- PGPUB; USPAT; EPO; JPO; DERWEN T
34	BRS	L68	50356	hot adj gas	US- PGPUB; USPAT; EPO; JPO; DERWEN T
35	BRS	L73	130400 2	"110"	US- PGPUB; USPAT; EPO; JPO; DERWEN T
36	BRS	L74	1949	adipic same "110"	US- PGPUB; USPAT; EPO; JPO; DERWEN T
37	BRS	L76	13921	"110 degrees"	US- PGPUB; USPAT; EPO; JPO; DERWEN T
38	BRS	L35	1	"2398485".PN.	USPAT
39	BRS	L36	1	"2539472".PN.	USPAT

	Time Stamp	Comments	Error Definition	Errors
33	2005/03/14 05:50			
34	2005/03/14 06:08			
35	2005/03/14 05:50			
36	2005/03/14 05:50			
37	2005/03/14 05:50			
38	2005/03/14 05:50			
39	2005/03/14 05:50			

	Type	L #	Hits	Search Text	DBs
40	BRS	L37	1	"2398485".PN.	USPAT
41	BRS	L39	1	"2539472".PN.	USPAT
42	BRS	L40	1	"2592964".PN.	USPAT
43	BRS	L41	1	"2592964".PN.	USPAT
44	BRS	L42	1	"3023238".PN.	USPAT
45	BRS	L43	1	"3329712".PN.	USPAT
46	BRS	L44	1	"3786096".PN.	USPAT
47	BRS	L45	1	"3810937".PN.	USPAT
48	BRS	L46	1	"4191616".PN.	USPAT
49	BRS	L47	1	"4230887".PN.	USPAT
50	BRS	L48	1	"4275234".PN.	USPAT
51	BRS	L49	1	"4705894".PN.	USPAT
52	BRS	L16	58	dry\$ and (((("20020045748").PN.) or adipic) and (((562/590).CCLS.) or ((562/593).CCLS.)))	US- PGPUB; USPAT; EPO; JPO; DERWEN T
53	BRS	L17	66	polycarboxylic near3 dry\$	US- PGPUB; USPAT; EPO; JPO; DERWEN T

	Time Stamp	Comments	Error Definition	Errors
40	2005/03/14 05:50			
41	2005/03/14 05:50			
42	2005/03/14 05:50			
43	2005/03/14 05:50			
44	2005/03/14 05:50			
45	2005/03/14 05:50			
46	2005/03/14 05:50			
47	2005/03/14 05:50			
48	2005/03/14 05:50			
49	2005/03/14 05:50			
50	2005/03/14 05:50			
51	2005/03/14 05:50			
52	2005/03/14 05:50			
53	2005/03/14 05:50			

	Type	L #	Hits	Search Text	DBs
54	BRS	L21	25	adipic and (("34").CLAS.)	US- PGPUB; USPAT; EPO; JPO; DERWEN T
55	BRS	L24	19	(polycarboxylic and (("34").CLAS.)) not (adipic and (("34").CLAS.))	US- PGPUB; USPAT; EPO; JPO; DERWEN T
56	BRS	L32	17	adipic same dewatering	US- PGPUB; USPAT; EPO; JPO; DERWEN T
57	BRS	L38	3	"2398485".URPN.	USPAT
58	BRS	L50	43	"5104492".URPN.	USPAT
59	BRS	L53	13	dewatering same dicarboxylic	USPAT
60	BRS	L55	65	stage same (dry\$ same dicarboxylic)	USPAT
61	BRS	L56	31	dicarboxylic and (("34").CLAS.)	US- PGPUB; USPAT; EPO; JPO; DERWEN T
62	BRS	L58	79	dry\$ near3 dicarboxylic	USPAT

	Time Stamp	Comments	Error Definition	Errors
54	2005/03/14 05:50			
55	2005/03/14 05:50			
56	2005/03/14 05:50			
57	2005/03/14 05:50			
58	2005/03/14 05:50			
59	2005/03/14 05:50			
60	2005/03/14 05:50			
61	2005/03/14 05:50			
62	2005/03/14 05:50			

	Type	L #	Hits	Search Text	DBs
63	BRS	L60	46	adipic near3 dry\$	US- PGPUB; USPAT; EPO; JPO; DERWEN T
64	BRS	L64	6	adipic near3 drying	US- PGPUB; USPAT; EPO; JPO; DERWEN T
65	BRS	L70	2	adipic same (hot adj gas)	US- PGPUB; USPAT; EPO; JPO; DERWEN T
66	BRS	L71	3	"6703529".pn.	US- PGPUB; USPAT; EPO; JPO; DERWEN T
67	BRS	L72	2	"5471001".pn.	US- PGPUB; USPAT; EPO; JPO; DERWEN T

	Time Stamp	Comments	Error Definition	Errors
63	2005/03/14 05:50			
64	2005/03/14 05:50			
65	2005/03/14 05:50			
66	2005/03/14 05:50			
67	2005/03/14 05:50			

	Type	L #	Hits	Search Text	DBs
68	BRS	L75	53	dry\$ same (adipic same "110")	US-PGPUB; USPAT; EPO; JPO; DERWEN T
69	BRS	L77	32	adipic same "110 degrees"	US-PGPUB; USPAT; EPO; JPO; DERWEN T
70	BRS	L29	118	(("34").CLAS.) and carboxylic	US-PGPUB; USPAT; EPO; JPO; DERWEN T
71	BRS	L34	163	carboxylic same dewatering	US-PGPUB; USPAT; EPO; JPO; DERWEN T
72	BRS	L67	156	dry\$ and ((562/590).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWEN T

	Time Stamp	Comments	Error Definition	Errors
68	2005/03/14 05:50			
69	2005/03/14 05:50			
70	2005/03/14 07:15			
71	2005/03/14 05:50			
72	2005/03/14 05:50			

	Type	L #	Hits	Search Text	DBs
73	IS&R	L27	203	(34/446) .CCLS.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T
74	IS&R	L1	77	(34/496) .CCLS.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T
75	IS&R	L78	58522	("562") .CLAS.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T
76	BRS	L80	0	11 and 178	US- PGPUB; USPAT; EPO; JPO; DERWEN T

	Time Stamp	Comments	Error Definition	Errors
73	2005/03/14 05:50			
74	2005/03/14 06:01			
75	2005/03/14 06:01			
76	2005/03/14 06:02			

	Type	L #	Hits	Search Text	DBs
77	BRS	L81	14	119 and 178	US- PGPUB; USPAT; EPO; JPO; DERWEN T
78	BRS	L82	859391	finest	US- PGPUB; USPAT; EPO; JPO; DERWEN T
79	BRS	L83	10	163 same 182	US- PGPUB; USPAT; EPO; JPO; DERWEN T
80	BRS	L84	2	"2768629".PN.	USPAT; USOCR
81	BRS	L85	2	"3119560".PN.	USPAT; USOCR
82	BRS	L86	2	"3564724".PN.	USPAT; USOCR
83	BRS	L87	1	"3693079".PN.	USPAT; USOCR
84	BRS	L88	2	"3748224".PN.	USPAT; USOCR
85	BRS	L89	1	"3801426".PN.	USPAT; USOCR
86	BRS	L90	1	"3815254".PN.	USPAT; USOCR

	Time Stamp	Comments	Error Definition	Errors
77	2005/03/14 06:03			
78	2005/03/14 06:09			
79	2005/03/14 06:09			
80	2005/03/14 07:48			
81	2005/03/14 06:32			
82	2005/03/14 06:32			
83	2005/03/14 06:32			
84	2005/03/14 06:33			
85	2005/03/14 07:34			
86	2005/03/14 06:33			

	Type	L #	Hits	Search Text	DBs
87	BRS	L91	1	"3905123".PN.	USPAT; USOCR
88	BRS	L92	1	"3906196".PN.	USPAT; USOCR
89	BRS	L93	1	"4043050".PN.	USPAT; USOCR
90	BRS	L69	199	adipic and (hot adj gas)	US- PGPUB; USPAT; EPO; JPO; DERWEN T
91	BRS	L94	145911	two adj stage	US- PGPUB; USPAT; EPO; JPO; DERWEN T
92	BRS	L95	25	169 and 194	US- PGPUB; USPAT; EPO; JPO; DERWEN T
93	BRS	L96	134945 8	stage	US- PGPUB; USPAT; EPO; JPO; DERWEN T

	Time Stamp	Comments	Error Definition	Errors
87	2005/03/14 06:33			
88	2005/03/14 06:33			
89	2005/03/14 06:33			
90	2005/03/14 06:54			
91	2005/03/14 06:58			
92	2005/03/14 06:55			
93	2005/03/14 06:59			

	Type	L #	Hits	Search Text	DBs
94	BRS	L97	700	15 same 196	US- PGPUB; USPAT; EPO; JPO; DERWEN T
95	BRS	L99	700	196 same 197	US- PGPUB; USPAT; EPO; JPO; DERWEN T
96	BRS	L100	55400	196 same 110	US- PGPUB; USPAT; EPO; JPO; DERWEN T
97	BRS	L101	34	197 same 110	US- PGPUB; USPAT; EPO; JPO; DERWEN T
98	BRS	L102	39	196 and 129	US- PGPUB; USPAT; EPO; JPO; DERWEN T
99	BRS	L103	19	("2768629").URPN.	USPAT
100	BRS	L104	0	15 and 1103	USPAT

	Time Stamp	Comments	Error Definition	Errors
94	2005/03/14 06:59			
95	2005/03/14 07:00			
96	2005/03/14 07:01			
97	2005/03/14 07:01			
98	2005/03/14 07:15			
99	2005/03/14 07:31			
100	2005/03/14 07:31			

	Type	L #	Hits	Search Text	DBs
101	BRS	L105	0	"547001".PN.	USPAT; USOCR
102	BRS	L106	1	"5471001".PN.	USPAT; USOCR
103	BRS	L107	9	("5471001").URPN.	USPAT
104	BRS	L108	1	"6703529".PN.	USPAT; USOCR
105	BRS	L109	1	"4170073".PN.	USPAT; USOCR
106	BRS	L110	7	("4170073").URPN.	USPAT
107	BRS	L52	338	dewatering and dicarboxylic	USPAT
108	BRS	L111	145	15 and 152	USPAT
109	BRS	L112	13	dewatering same dicarboxylic	USPAT
110	BRS	L113	1	"3459798".pn.	USPAT
111	BRS	L114	2	("3459798").URPN.	USPAT
112	BRS	L116	886	13 or 14	US- PGPUB; USPAT; EPO; JPO; DERWEN T
113	BRS	L117	172	1116 and 15	US- PGPUB; USPAT; EPO; JPO; DERWEN T

	Time Stamp	Comments	Error Definition	Errors
101	2005/03/14 07:38			
102	2005/03/14 07:35			
103	2005/03/14 07:35			
104	2005/03/14 07:38			
105	2005/03/14 07:48			
106	2005/03/14 07:48			
107	2005/03/14 07:55			
108	2005/03/14 07:50			
109	2005/03/14 08:33			
110	2005/03/14 08:33			
111	2005/03/14 08:34			
112	2005/03/14 08:52			
113	2005/03/14 08:52			

	Type	L #	Hits	Search Text	DBs
114	BRS	L118	2	"6814867".pn.	US- PGPUB; USPAT; EPO; JPO; DERWEN T
115	BRS	L119	1	"4465861".PN.	USPAT; USOCR
116	BRS	L120	1	"4720592".PN.	USPAT; USOCR
117	BRS	L121	1	"5308501".PN.	USPAT; USOCR
118	BRS	L122	1	"5932109".PN.	USPAT; USOCR
119	BRS	L123	1	"5932109".PN.	USPAT; USOCR
120	BRS	L124	1	"6008415".PN.	USPAT; USOCR
121	BRS	L125	1	"6515171".PN.	USPAT; USOCR
122	BRS	L126	1	"6563001".PN.	USPAT; USOCR
123	BRS	L127	1	"6563001".PN.	USPAT; USOCR
124	BRS	L128	1	"6703529".PN.	USPAT; USOCR
125	BRS	L129	1	"20020042722".PN.	US- PGPUB

	Time Stamp	Comments	Error Definition	Errors
114	2005/03/14 09:28			
115	2005/03/14 09:28			
116	2005/03/14 09:28			
117	2005/03/14 09:28			
118	2005/03/14 09:29			
119	2005/03/14 09:29			
120	2005/03/14 09:29			
121	2005/03/14 09:29			
122	2005/03/14 09:29			
123	2005/03/14 09:37			
124	2005/03/14 09:37			
125	2005/03/14 09:37			